wherein:

R^1 is hydrogen or C_1-C_5 alkyl;

R^2 is hydrogen, C_1-C_5 alkyl or C_2-C_6 alkenyl;

R^3 is hydrogen, C_1-C_{10} alkyl, C_3-C_{10} alkenyl, phenyl, cycloalkyl, C_5-C_8 cycloalkenyl, cycloalkyl-substituted C_1-C_3 alkyl, C_5-C_8 cycloalkenyl-substituted C_1-C_3 alkyl or phenyl-substituted C_1-C_3 alkyl;

A is OR^4 or NR^5R^6;

B1 cont.

wherein:

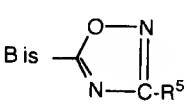
R^4 is hydrogen, C_1-C_{10} alkyl, C_2-C_{10} alkenyl, cycloalkyl, C_5-C_8 cycloalkenyl, cycloalkyl-substituted C_1-C_3 alkyl, C_5-C_8 cycloalkenyl-substituted C_1-C_3 alkyl or phenyl-substituted C_1-C_3 alkyl;

R^5 is hydrogen or C_1-C_3 alkyl;

R^6 is hydrogen, C_1-C_{10} alkyl, C_3-C_{10} alkenyl, cycloalkyl, phenyl, cycloalkyl-substituted C_1-C_3 alkyl, C_5-C_8 cycloalkenyl, C_5-C_8 cycloalkenyl-substituted C_1-C_3 alkyl, phenyl-substituted C_1-C_3 alkyl, or $(CH_2)_q$-B; or

R^5 and R^6 [are each CH_2 which] together with N form a saturated non aromatic 4- to 6-membered heterocyclic ring;

[wherein:]

B is  , CW or NR^7R^8;

[wherein:]

R^7 is hydrogen or C_1-C_3 alkyl;

R^8 is hydrogen, C_1-C_{10} alkyl, C_3-C_{10} alkenyl, cycloalkyl-substituted C_1-C_3 alkyl, cycloalkyl, C_5-C_8 cycloalkenyl, C_5-C_8 cycloalkenyl-substituted C_1-C_3 alkyl, phenyl or phenyl-substituted C_1-C_3 alkyl; or

R^7 and R^8 [are each CH_2 which] together with N form a saturated non aromatic 4- to 6-membered heterocyclic ring;

W is OR^9, $NR^{10}R^{11}$, or OE;

[wherein:]

R^9 is hydrogen, C_1-C_{10} alkyl, C_2-C_{10} alkenyl, cycloalkyl, C_5-C_8 cycloalkenyl, cycloalkyl-substituted C_1-C_3 alkyl, C_5-C_8 cycloalkenyl-substituted C_1-C_3 alkyl or phenyl-substituted C_1-C_3 alkyl;

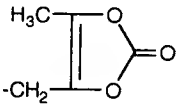
R^{10} is hydrogen or C_1-C_3 alkyl;

R^{11} is hydrogen, C_1-C_{10} alkyl, C_3-C_{10} alkenyl, phenyl, cycloalkyl, C_5-C_8 cycloalkenyl, cycloalkyl-substituted C_1-C_3 alkyl, phenyl-substituted C_1-C_3 alkyl,

or $(CH_2)_mCY$; or

B' cont.

R^{10} and R^{11} [are each CH_2 which] together with N form a saturated non aromatic 4- to 6-membered heterocyclic ring;

E is
$(CH_2)_mC$-D,  , or $-R^{12}$- 
OCR^{13}

[wherein:]

R^{12} is C_1-C_3 alkyl substituted methylene,

R^{13} is C_1-C_{10} alkyl;

D is OR^{14} or $NR^{15}R^{16}$;

wherein:

R^{14} is hydrogen, C_1-C_{10} alkyl, C_2-C_{10} alkenyl, cycloalkyl, C_5-C_8 cycloalkenyl, cycloalkyl-substituted C_1-C_3 alkyl, or C_5-C_8 cycloalkenyl-substituted C_1-C_3 alkyl or phenyl-substituted C_1-C_3 alkyl;

R^{15} is hydrogen, C_1-C_{10} alkyl, C_3-C_{10} alkenyl, phenyl, phenyl-substituted C_1-C_3 alkyl, cycloalkyl, C_5-C_8 cycloalkenyl, cycloalkyl-substituted C_1-C_3 alkyl or C_5-C_8 cycloalkenyl-substituted C_1-C_3 alkyl; and

R^{16} is hydrogen or C_1-C_3 alkyl; or

R^{15} and R^{16} [are each CH_2 which] together with N form a saturated non aromatic 4- to 6-membered heterocyclic ring;

Y is OR^{17} or $NR^{18}R^{19}$;

[wherein:]

R^{17} is hydrogen, C_1-C_{10} alkyl, C_2-C_{10} alkenyl, cycloalkyl, C_5-C_8 cycloalkenyl, cycloalkyl-substituted C_1-C_3 alkyl, C_5-C_8 cycloalkenyl-substituted C_1-C_3 alkyl, or phenyl-substituted C_1-C_3 alkyl;

R^{18} is hydrogen or C_1-C_3 alkyl; and

R^{19} is hydrogen, C_1-C_{10} alkyl, C_3-C_{10} alkenyl, phenyl, cycloalkyl, C_5-C_8 cycloalkenyl, cycloalkyl-substituted C_1-C_3 alkyl, C_5-C_8 cycloalkenyl-substituted C_1-C_3 alkyl, or phenyl-substituted C_1-C_3 alkyl; or

R^{18} and R^{19} [are each CH_2 which] together with N form a saturated non aromatic 4- to 6-membered heterocyclic ring;

n is 0-4;

q is 1-4;

m is 1-4;

or a pharmaceutically acceptable salt[s] thereof.

B1 cont.

17. (Amended) A method for [treating] binding a peripheral [effect of an] opioid receptor in a patient which comprises administering to said patient an effective amount of a compound of Claim 1 or a pharmaceutically acceptable salt thereof.

B2

Add Claims 21-40.

B3

21. A method of Claim 16 wherein the compound is one wherein R^1 is hydrogen; R^2 is C_1-C_3 alkyl; n = 1 or 2; and R^3 is benzyl, phenyl, cyclohexyl, or cyclohexylmethyl.

22. A method of Claim 21 wherein the compound is one wherein A is NR^5R^6 and R^5 is hydrogen, R^6 is $(CH_2)_q$-B, q is 1 to 3 and B is -C(O)W.

23. A method of Claim 22 wherein the compound is one wherein W is OR^9 and R^9 is hydrogen, C_1-C_5 alkyl, phenyl-substituted C_1-C_2 alkyl, C_5-C_6 cycloalkyl, or C_5-C_6 cycloalkyl-substituted C_1-C_3 alkyl.

24. A method for treating irritable bowel syndrome in a patient comprising administering to the patient an effective amount of a compound of Claim 11.

25. A method of Claim 24 wherein the compound is selected from the group consisting of (3R,4R,S)-Z-$NHCH_2C(O)OCH_2CH(CH_3)_2$, (+)Z-$NHCH_2C(O)OH$, (-)Z-$NHCH_2C(O)OH$, (3R,4R,R)-$ZNHCH_2C(O)OCH_2CH(CH_3)_2$, (3S,4S,S)-$ZNHCH_2C(O)OCH_2CH(CH_3)_2$, (3S,4S,R)-$ZNHCH_2C(O)OCH_2CH(CH_3)_2$, (3R,4R)-$ZNHCH_2C(O)NHCH_2(C_6H_5)$ and (3R,4R)-G-$NH(CH_2)_3C(O)OH$.

26. A method of Claim 18 wherein the compound is one wherein R^1 is hydrogen; R^2 is C_1-C_3 alkyl; n = 1 or 2; and R^3 is benzyl, phenyl, cyclohexyl, or cyclohexylmethyl.

27. A method of Claim 26 wherein the compound is one wherein A is NR^5R^6 and R^5 is hydrogen, R^6 is $(CH_2)_q$-B, q is 1 to 3 and B is -C(O)W.

28. A method of Claim 27 wherein the compound is one wherein W is OR^9 and R^9 is hydrogen, C_1-C_5 alkyl, phenyl-substituted C_1-C_2 alkyl, C_5-C_6 cycloalkyl, or C_5-C_6 cycloalkyl-substituted C_1-C_3 alkyl.

29. A method for binding a peripheral opioid receptor in a patient which comprises administering to said patient an effective amount of a compound of Claim 11.

30. A method of Claim 29 wherein the compound is one selected from the group consisting of (3R,4R,S)-Z-$NHCH_2C(O)OCH_2CH(CH_3)_2$, (+)Z-$NHCH_2C(O)OH$, (-)Z-$NHCH_2C(O)OH$, (3R,4R,R)-$ZNHCH_2C(O)OCH_2CH(CH_3)_2$, (3S,4S,S)-$ZNHCH_2C(O)OCH_2CH(CH_3)_2$, (3S,4S,R)-$ZNHCH_2C(O)OCH_2CH(CH_3)_2$, (3R,4R)-$ZNHCH_2C(O)NHCH_2(C_6H_5)$ and (3R,4R)-G-$NH(CH_2)_3C(O)OH$.

31. A method of Claim 19 wherein the compound is one wherein R^1 is hydrogen; R^2 is C_1-C_3 alkyl; n = 1 or 2; and R^3 is benzyl, phenyl, cyclohexyl, or cyclohexylmethyl.

32. A method of Claim 31 wherein the compound is one wherein A is NR^5R^6 and R^5 is hydrogen, R^6 is $(CH_2)_q$-B, q is 1 to 3 and B is -C(O)W.

33. A method of Claim 32 wherein the compound is one wherein W is OR^9 and R^9 is hydrogen, C_1-C_5 alkyl, phenyl-substituted C_1-C_2 alkyl, C_5-C_6 cycloalkyl, or C_5-C_6 cycloalkyl-substituted C_1-C_3 alkyl.

34. A method for blocking a mu receptor in a mammal comprising administering to a mammal requiring blocking of a mu receptor a receptor blocking dose of a compound of Claim 11.

35. A method of Claim 34 wherein the compound is one selected from the group consisting of (3R,4R,S)-Z-$NHCH_2C(O)OCH_2CH(CH_3)_2$, (+)Z-$NHCH_2C(O)OH$, (-)Z-$NHCH_2C(O)OH$, (3R,4R,R)-Z$NHCH_2C(O)OCH_2CH(CH_3)_2$, (3S,4S,S)- Z$NHCH_2C(O)OCH_2CH(CH_3)_2$, (3S,4S,R)-Z$NHCH_2C(O)OCH_2CH(CH_3)_2$,, (3R,4R)-Z$NHCH_2C(O)NHCH_2(C_6H_5)$ and (3R,4R)-G-$NH(CH_2)_3C(O)OH$.

36. A method of Claim 20 wherein the compound is one wherein R^1 is hydrogen; R^2 is C_1-C_3 alkyl; n = 1 or 2; and R^3 is benzyl, phenyl, cyclohexyl, or cyclohexylmethyl.

37. A method of Claim 36 wherein the compound is one wherein A is NR^5R^6 and R^5 is hydrogen, R^6 is $(CH_2)_q$-B, q is 1 to 3 and B is -C(O)W.

38. A method of Claim 37 wherein the comound is one wherein W is OR^9 and R^9 is hydrogen, C_1-C_5 alkyl, phenyl-substituted C_1-C_2 alkyl, C_5-C_6 cycloalkyl, or C_5-C_6 cycloalkyl-substituted C_1-C_3 alkyl.

39. A method for treating idiopathic constipation in a patient comprising administering to the patient an effective amount of a compound of Claim 11.

40. A method of Claim 39 wherein the compound is one selected from the group consisting of (3R,4R,S)-Z-$NHCH_2C(O)OCH_2CH(CH_3)_2$, (+)Z-$NHCH_2C(O)OH$, (-)Z-$NHCH_2C(O)OH$, (3R,4R,R)-Z$NHCH_2C(O)OCH_2CH(CH_3)_2$, (3S,4S,S)- Z$NHCH_2C(O)OCH_2CH(CH_3)_2$, (3S,4S,R)-Z$NHCH_2C(O)OCH_2CH(CH_3)_2$,, (3R,4R)-Z$NHCH_2C(O)NHCH_2(C_6H_5)$ and (3R,4R)-G-$NH(CH_2)_3C(O)OH$.

In the Specification

Page 8, line 16, delete the phrase "substituted methyl" and insert therefor --substituted methylene--.

Page 8, line 17, delete the phrase "hydrogen or C_1-C_4 alkyl; R^{11} is hydrogen or C_1-C_4 alkyl; n is 1; and R_{12} is hydrogen."

Page 15, line 12, delete the phrase "R^{11} and R^{12}" and insert therefor --R^{23} and R^{24}--.